

I claim:

1. A method for controlling insects and animals comprising the steps of selecting a water soluble polymer for cross-linking to form a flexible, degradable film with interstices for trapping an active ingredient, mixing the polymer with a solubilizer and the active ingredient, diluting the mixture with water, applying the mixture to an area to be controlled, drying the mixture, cross-linking the polymer, trapping the active ingredient in cross-linked polymer interstices, degrading the film gradually, and gradually releasing the active ingredient to control insects and animals.

2. A method for controlling insects and animals comprising the steps of selecting a polymer for cross-linking to form a flexible, degradable film with interstices for trapping methyl nonyl ketone as the active ingredient, mixing the polymer with a solubilizer and the active ingredient, diluting the mixture with water, applying the mixture on an area to be controlled, drying the mixture, cross-linking the polymer, trapping the methyl nonyl ketone in cross-linked polymer interstices, degrading the film gradually under environmental influences, and

gradually releasing the methyl nonyl ketone to control insects and animals.

3. A method as defined in claim 2 which the polymer is further mixed with a spreading agent.

4. A concentrate for controlling insects and animals comprising a mixture in percent by volume of:

- (i) 2% to 12% of polymer;
- (ii) 1% to 60% of solubilizer;
- (iii) 1% to 40% of active ingredient;
- (iv) 0.5% to 15% of spreading agent; and
- (v) 0.01% to 5.0% of bittering agent

5. A composition for controlling insects and animals comprising a mixture in percent by volume of:

- (i) 0.125% to 1.25% of polymer;
- (ii) 0.625% to 3.75% of solubilizer;
- (iii) 0.625% to 2.5% of active ingredient;
- (iv) 0.3125% to 0.9375% of spreading agent;
- (v) 0.0000625% to 0.3125% of bittering agent; and
- (vi) 91.2% to 99.3125% diluent.

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6. A concentrate for controlling insects and animals comprising a mixture in percent by volume of:

- (i) 2% to 12% of castor oil/isophorone diisocyanate;
- (ii) 1% to 60% of polysorbate;
- (iii) 1% to 40% of methyl nonyl ketone;
- (iv) 0.5% to 15% of corn oil; and
- (v) 0.01% to 5.0% of sucrose octacetate

7. A concentrate for controlling insects and animals comprising a mixture in percent by volume of:

- (i) 7.8 of castor oil/isophorone diisocyanate;
- (ii) 58.1 of polysorbate;
- (iii) 32% of methyl nonyl ketone;
- (iv) 2.1% of corn oil; and
- (v) 0.35% of sucrose octacetate

8. A composition for controlling insects and animals comprising a mixture in percent by volume of:

- (i) 0.49% of castor oil/isophorone diisocyanate;
- (ii) 3.63% of polysorbate;
- (iii) 2.00% of methyl nonyl ketone;
- (iv) 0.13% of corn oil;
- (v) 0.35% of sucrose octacetate; and

(vi) 93.40% water.

9. A composition for controlling insects and animals comprising a mixture in percent by volume of:

- (i) 0.49% of castor oil/isophorone diisocyanate;
- (ii) 3.63% of polysorbate;
- (iii) 2.00% of methyl nonyl ketone;
- (iv) 0.13% of corn oil; and
- (vi) 93.75% water.

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